Complete and send this form together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS. This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 4 should be completed where appropriate. All indiger correspondence address as indicated unless correspondence address as indicated unless correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

MAR 1 9 2004

12/19/2003

Alan J. Gran, Esq. c/o CARELLA, BYRNE, BAIN, GILFILLAN CECCHI, STEWART & OLSTEIN 6 Becker Farm Road Roseland, NJ 07068

Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

ALAN J. GRANT	(Depositor's name)
alan J. Grant	(Signature)
3/17/04	(Date)

'APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 09/900,575 07/06/2001 Solomon Langermann 469201-549 4081

TITLE, OF INVENTION: FIMH ADHESIN PROTEINS AND METHODS OF USE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	03/19/2004
EXAM	MINER	ART UNIT	CLASS-SUBCLASS	7	
BASKAR, P.	ADMAVATHI	1645	424-190100		
CFR 1.363). Change of correspond Address form PTO/SB/1	ce address or indication of "F dence address (or Change of 6 122) attached. tion (or "Fee Address" Indica or more recent) attached. Us	Correspondence	2. For printing on the patent front page names of up to 3 registered patent agents OR, alternatively, (2) the name firm (having as a member a registered agent) and the names of up to 2 registant attorneys or agents. If no name is list will be printed.	attorneys or confidence of a single attorney or stered patent	IOT M. OLSTEIN N J. GRANT

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

MedImmune, Inc.

Gaithersburg, Maryland

Please check the appropriate assignee category or category					
4a. The following fee(s) are enclosed:	4b. Payment of Fee(s):				
X Issue Fee	A check in the amount of the fee(s) is enclosed.				
X Publication Fee	☐ Payment by credit card. Form PTO-2038 is attached.				
X Advance Order - # of Copies12	The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 03-0678 (enclose an extra copy of this form).				

(Authorized Signature)	(Date)
Clan Frant	3/17/04
NOTE; The Issue Fee and Publication Fee (if other than the applicant; a registered attorney interest as shown by the records of the United St.	or agent; or the assignee or other party in

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

03/19/2004 GMDRDDF2 00000165 09900575

1330.00 OP 01 FC:1501 300.00 OP 02 FC:1504



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Langermann et al

Serial No: 09/900,575

Art Unit: 1645

Filed:

6 July 2001

Examiner: P. Baskar

TITLE:

FimH Adhesin Proteins and Methods of Use

Docket No.: 469201-549

17 March 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Mail Stop: ISSUE FEE

ISSUE FEE TRANSMITTAL

Sir:

In response to the Notice of Allowance, dated 19 December 2003, Applicants herewith submit the following:

- 1. Form PTOL-85 (executed 1 sheet);
- 2. Check for \$1666.00 (\$1330.00 to cover issue fee for a large entity plus \$300 for publication fee plus \$36.00 for 12 soft copies of the issued patent); and
 - 3. Self-addressed, Postage-paid Return Post Card.

No additional fee is believed due for filing this paper. Applicant authorizes the Commissioner to charge any additional fee, or credit any overpayment, to Deposit Acct. No. 03-0678.

Serial No. 09/900,575 Filed: 6 July 2001

FIRST CLASS CERTIFICATE

I hereby certify that this correspondence is being deposited today with the U.S. Postal Service as First Class Mail in an envelope addressed to:

> Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Alan J. Grant , Esq.

Date

Respectfully submitted,

Alan J. Grant, Esq. Reg. No. 33,389

CARELLA, BYRNE BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN

Six Becker Farm Road Roseland, NJ 07068

Phone: 973-994-1700 Fax: 973-994-1744